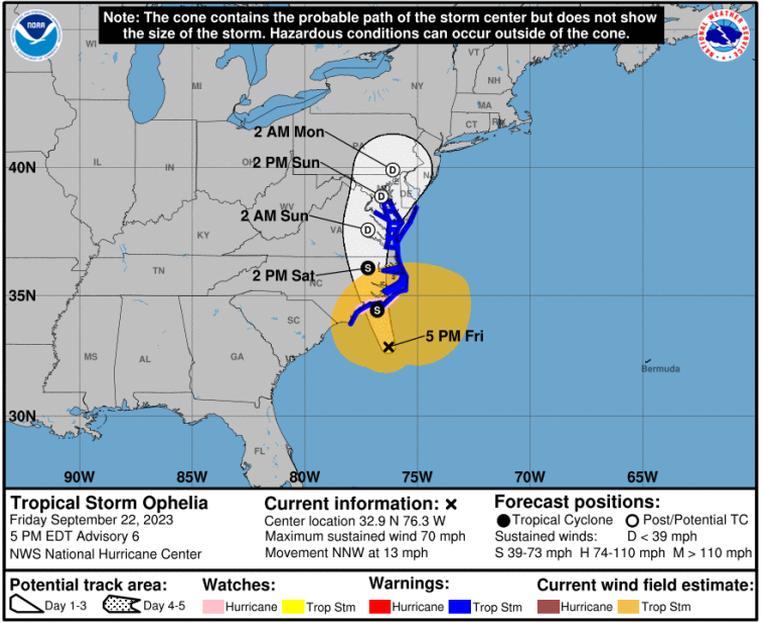


Coastal Storm to Affect the Area this Weekend



OVERVIEW

Tropical Storm Ophelia will track north into North Carolina on Saturday, weakening across the Mid Atlantic states this weekend. Meanwhile an associated warm front will approach the region tonight and stall south of the area this weekend. This system will bring a chilly, wind swept and soaking rain, coastal flooding, beach erosion and dangerous rip currents to the area this weekend.



HAZARDS & IMPACTS

- **High surf and dangerous rip currents for ocean beaches through the weekend.**
Peak breaking surf of 6 to 10 ft Saturday into Sunday morning causing beach erosion/flooding and scattered areas of dune erosion during times of high tide. Localized overwash potential is low, relegated to compromised dune system. Breaking surf will subside, but continue at 4 to 7 ft Sun into early next week.
- **Storm Total Rainfall:** 2-3" Tonight through Sunday night (1-2" of the total falling Saturday 8am thru 8pm). Isolated higher amounts possible.
 - **Peak Rainfall rates:** 1/4 to 1/2"/hr possible 10am-6pm Saturday
 - **Impacts:** Minor urban and poor drainage flood threat, as well as along quick responding rivers and streams. Flash Flood threat is low and isolated.
- **Peak Winds:** Winds increasing to 25 to 30 mph w/gusts 40 mph across coastal locations Sat 8am thru 8pm. Gusts subsiding to 30 mph Sat Night into Mon.
 - **Impacts:** Potential for scattered downed tree branches due to full foliage on Saturday. A few power outages are possible.
- **Minor coastal flooding** (Up to 1 1/2 ft of inundation AGL) expected along vulnerable locations of NY/NJ Harbor, Jamaica Bay, southern bays of Nassau County, and coastal Westchester and Fairfield counties with the Saturday aft/eve high tidal cycle. Elsewhere across LI/NYC a localized minor coastal flood threat.
 - Localized minor coastal flooding is possible for these locations with the Sunday aft/eve high tide. Then possibly a more widespread minor coastal flooding threat for the early next week aft/eve high tides.

NWS ALERTS

- Coastal Flood Advisories/Statements for Saturday aft/eve high tide
- High Surf Advisory Sat thru Sun AM
- Rip Current Statement thru Sun
- Gale Warning for ocean waters Sat into Sat Night

NEXT BRIEF

- By 6am Saturday

Shoreline/Marine Hazards This Weekend...



New York, NY
WEATHER FORECAST OFFICE

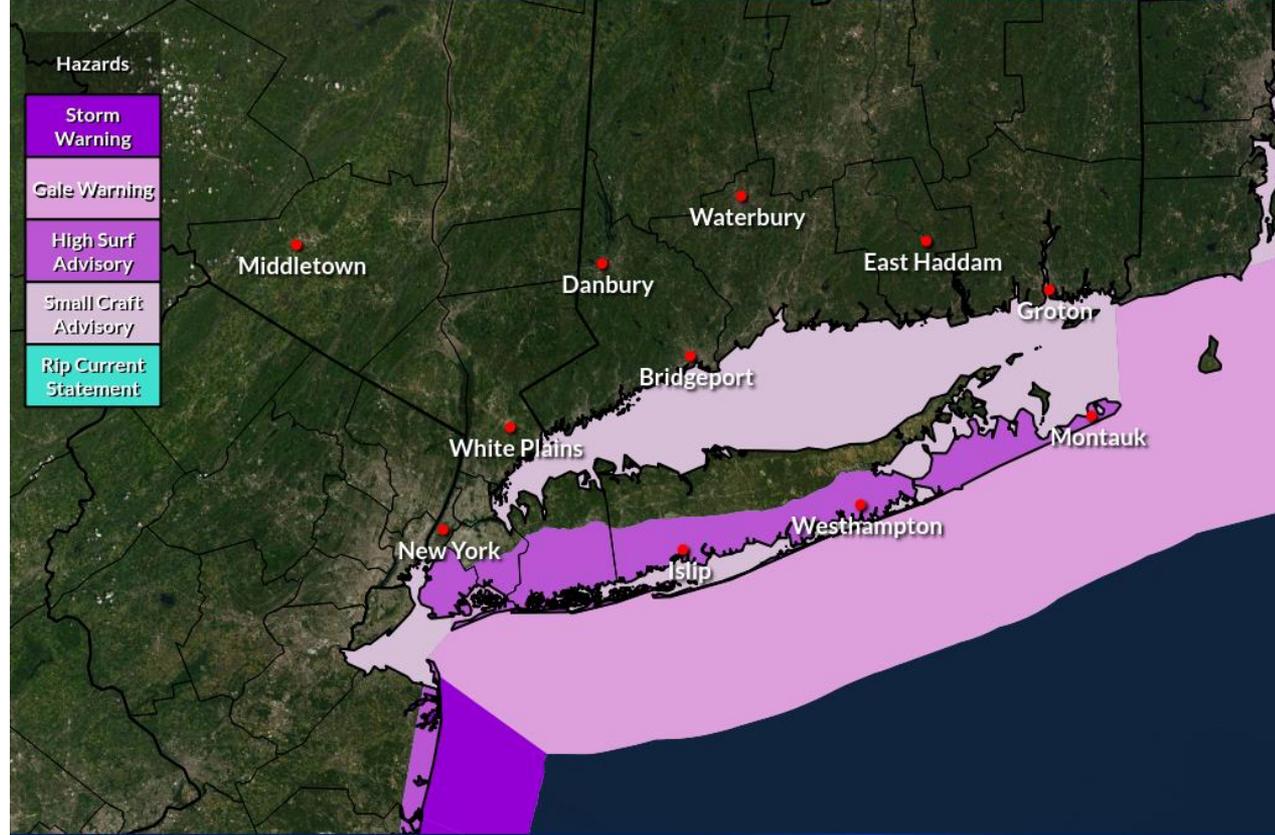
Shoreline/Marine Hazards

Weather Forecast Office
New York, NY



Issued Sep 22, 2023 4:46 PM EDT

Through Sunday



NWSNewYorkNY

weather.gov/nyc

ISSUED: 9/22/2023 5:20 PM

www.weather.gov/nyc

Coastal Flood Hazards for Saturday...



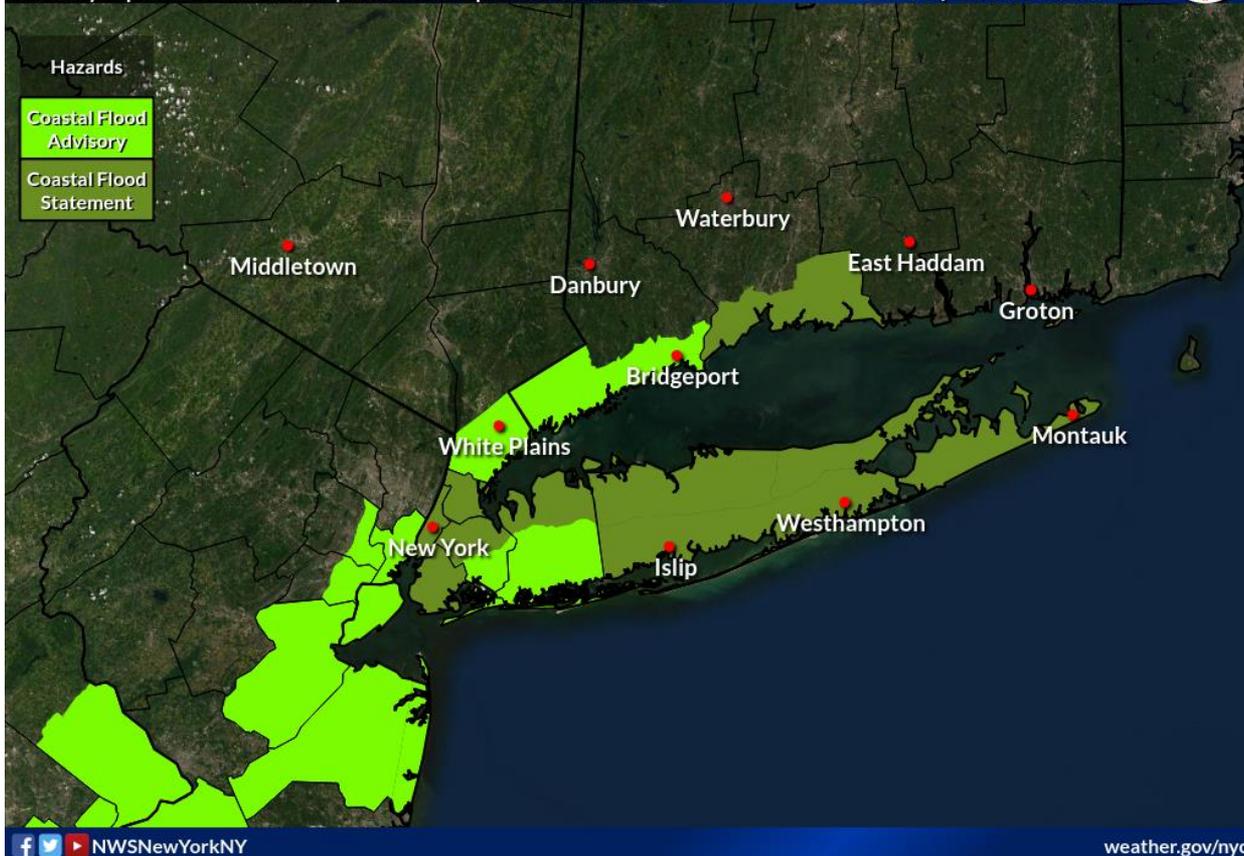
New York, NY
WEATHER FORECAST OFFICE

Coastal Flood Hazards

Weather Forecast Office
New York, NY

Advisory: Up to 1.5 ft inundation | Statement: Up to 0.5 ft inundation

Issued Sep 22, 2023 4:20 PM EDT



See [Coastal Hazard Message](#) for more hazard/impact details for your area of concern.

Additional rounds of minor coastal flooding are possible Sunday into early next week for this area.

Total Rainfall Through Sunday Night...



New York, NY
WEATHER FORECAST OFFICE

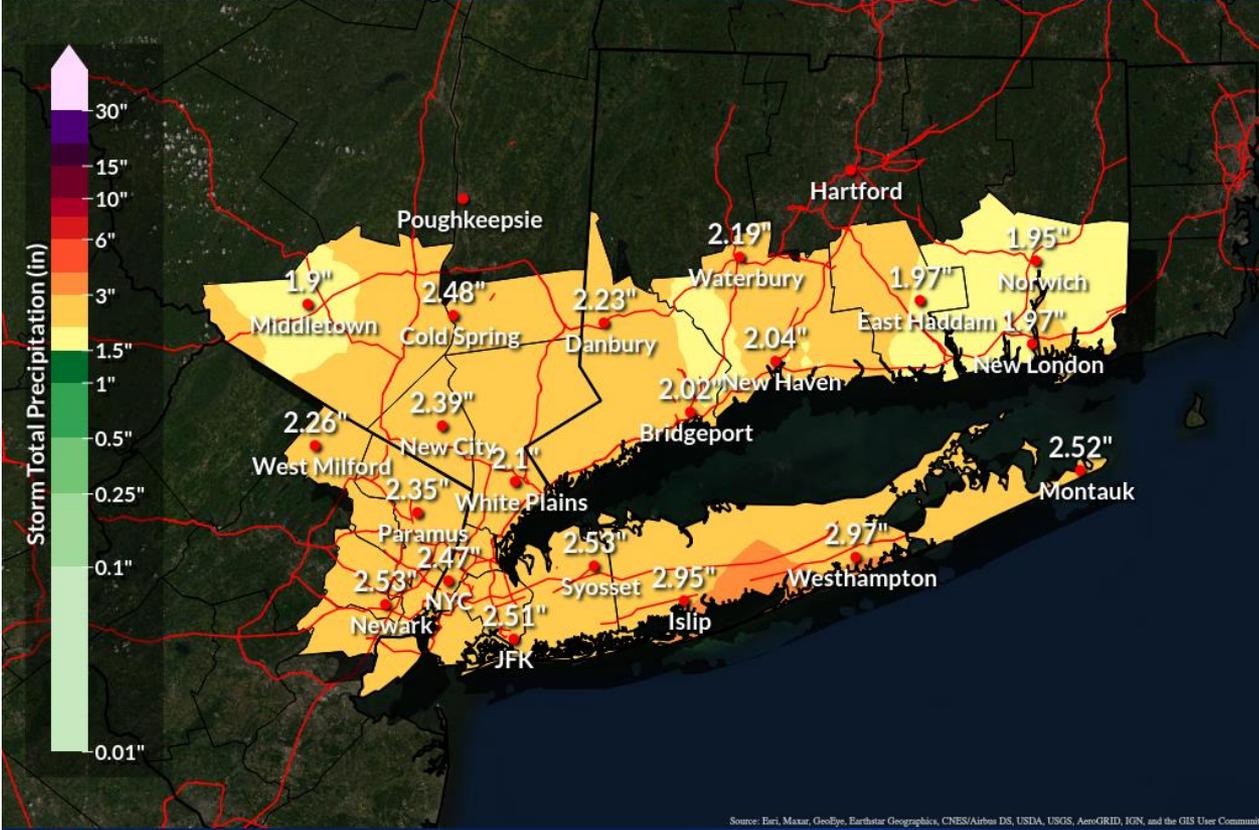
Expected Rainfall/Liquid Equivalent - Official NWS Forecast

Weather Forecast Office
New York, NY



Valid Sat 2:00AM through Mon 2:00PM EDT

Issued Sep 22, 2023 3:17 PM EDT



1-2" of this rainfall total falling 8am to 8pm Saturday, with peak rainfall rates of 1/4 to 1/2"/hr.

NWSNewYorkNY

weather.gov/nyc

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Maximum Expected Wind Gusts...



New York, NY
WEATHER FORECAST OFFICE

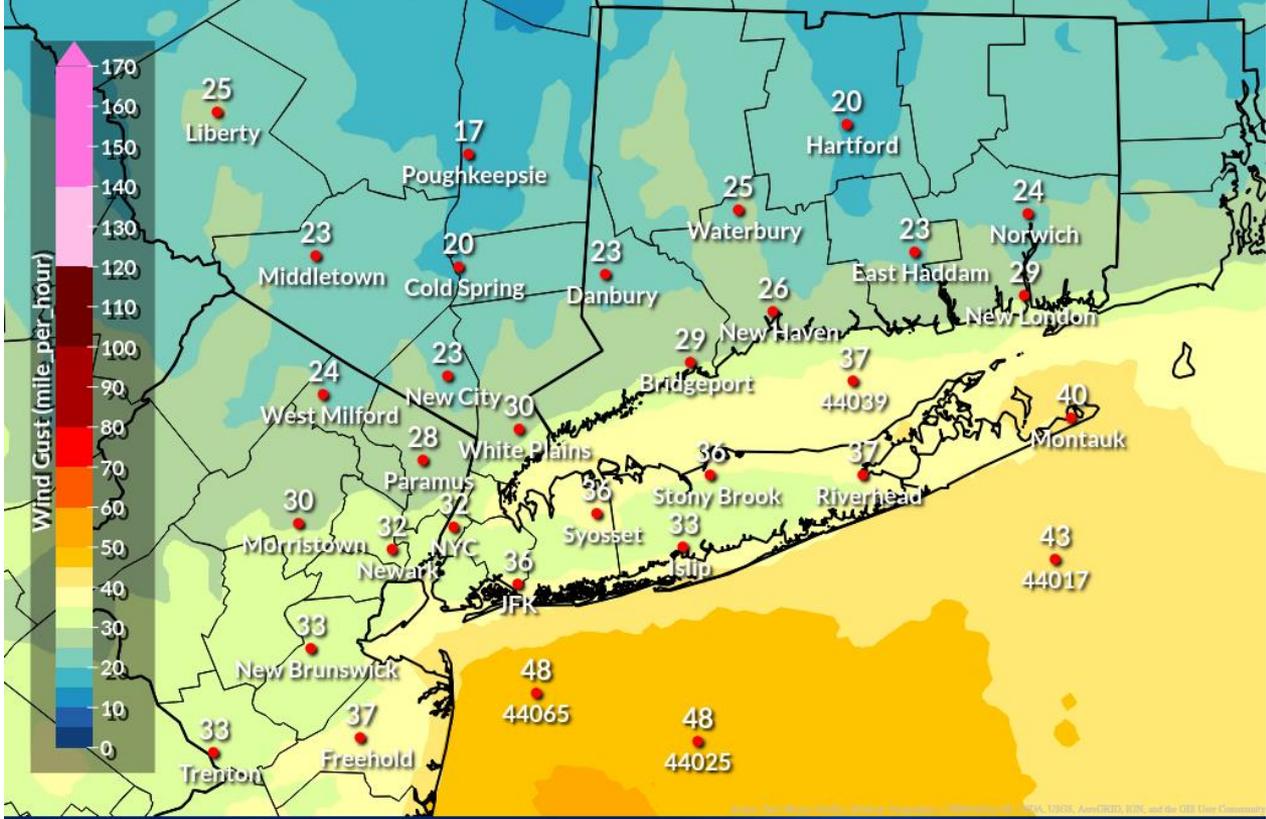
Saturday's Maximum Wind Gusts

Weather Forecast Office
New York, NY



Valid Sat Sep 23 8:00AM through Sun Sep 24 8:00AM EDT

Issued Sep 22, 2023 4:31 PM EDT



NWSNewYorkNY

[weather.gov/nyc](https://www.weather.gov/nyc)